## SCREW FOR MORTAR WALL AND DRIVING METHOD THEREOF

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Classification:

- international:

F16B25/10; B25B23/14

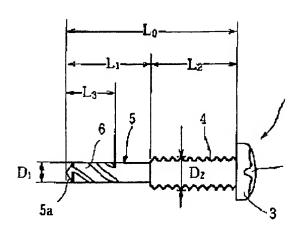
- european:

Application number: JP19970348671 19971202

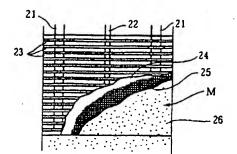
Priority number(s):

## Abstract of **JP11153115**

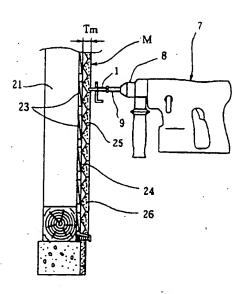
PROBLEM TO BE SOLVED: To enhance the working efficiency by driving a screw into a mortar wall with no prepared hole formed by a separate drilling work. SOLUTION: A screw 1 for a mortar wall, having a head part 3, a thread part 4 and a shank part 5 for drilling a prepared hole, which are formed successively in the mentioned order, is axially vibrated and rotate, and accordingly, a process of drilling a prepared hole and a process of driving a screw are simultaneously carried out. The shank part 5 has an edge part 6 extending by a length L3 of at least 10 mm from the front end 5a thereof, the shank part 5 having a length L1 of 25 to 35 mm, and the thread part 4 having a length L2 of 25 to 35 mm. Further, the shank part 5 and the thread part 4 have diameters D1, D2, respectively, which are set so as to satisfy the following condition; 1.15.D1 <=D2 <=1.45.D1.



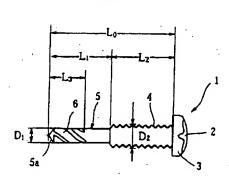
(**3**1)



【図3】



【図4】



【図5】

